



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
2870-0267PAPPLICATION NO.
10/671,939APPLICANT
Mitsunori HIRANO et al.FILING DATE
September 29, 2003GROUP
Unassigned 1752**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MS	US 5,578,414	A	1996-11-26	Yamamoto et al.			
	US						
	US						
	US						
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	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
MS	JP	7-287338	A	1995-10-31	JAPAN			X	
MS	JP	2926453	B2	1999-05-14	JAPAN			Abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

DATE CONSIDERED

10-3-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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CLASS INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>11</i>	US 5,571,660	A	1996-11-05	Ito et al.			
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>11</i>	EP	0 735 416	A1	1996-10-02	EUROPE			X	
<i>11</i>	JP	6-194771	A	1994-07-15	JAPAN			Abs	
<i>11</i>	JP	4-57046	A	1992-02-24	JAPAN			Abs	
<i>11</i>	JP	5-224330	A	1993-03-09	JAPAN			Abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

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10-3-05

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2870-0267P

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